

Preliminary Technical Data Sheet

CAPILENE® SW 70 LE

Polypropylene Impact Copolymer



Product Description

CAPILENE® SW 70 LE is a nucleated polypropylene impact copolymer for injection moulding and compounding applications. The resin combines high melt flow rate with good stiffness – impact balance and low emission of volatiles (according to VDA 277 and VDA 278). It contains a basic stabilization package. This product enjoys patent protection.

The grade is being in development status, this is a preliminary data sheet and subjected to changes.

Features:	• Low emission • High flow • Good stiffness – impact balance	• Nucleated • Basic stabilization package
Uses:	• Automotive interior trims • Compounds for automotive interiors • Complex geometry parts	• Household items • Thin wall injection molding
Processing Methods:	• Injection molding	• Compounding

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	65	g/10 min
Mechanical				
Tensile Modulus	(5 mm/min)	ISO 178	1200	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	6.5	kJ/m ²
Izod Impact Strength, notched	(- 20°C)	ISO 180	4	kJ/m ²
Emissions				
VOC		VDA 278	Pass	
FOG		VDA 278	Pass	
TOC		VDA 277	Pass	
Fogging	Gravimetric	DIN 75201B	Pass	
Fogging	Reflectometric	DIN 75201A	Pass	

*Typical values; not to be construed as specifications.

Health, Quality, Regulations and Safety

This product is not classified as dangerous substance. Material safety data sheets, international standards certificates (e.g. ISO 9001) and other regulatory documents are available on our website. Carmel Olefins products have not been tested and therefore not validated for use in pharmaceutical/medical applications, and their suitability for these uses cannot be guaranteed. It is the customer's responsibility to test and approve their technical and regulatory suitability in order to satisfy themselves as to the particular purpose and application(s).

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